

Appl. No.: 10/525,540

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## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1-7. (Cancelled).

8. (Previously Presented) A portable ophthalmic apparatus comprising:

a supporting part which attaches detachably to a portable device having a photographing camera part on a photographing optical axis; and

a main body which is arranged integrally with said supporting part and which comprises an illumination optical system for radiating an illumination beam toward photographing objective eyes along an illumination optical axis intersected at a predetermined angle with said photographing optical axis,

wherein said illumination optical system comprises a slit opening stop and wherein, by projecting a slit illumination beam toward said photographing objective eyes, sectional shapes of a cornea and a crystal lens are photographed.

9. (Cancelled).

10. (Previously Presented) A portable ophthalmic apparatus comprising:

a supporting part which attaches detachably to a portable device having a photographing camera part on a photographing optical axis; and

a main body which is arranged integrally with said supporting part and which comprises an illumination optical system for radiating an illumination beam toward photographing

objective eyes along an illumination optical axis intersected at a predetermined angle with said photographing optical axis,

wherein said main body comprises a concentric placido-disc illumination optical system and wherein a cornea of each of said photographing objective eyes is ring-illuminated.

11. (Previously Presented) A portable ophthalmic apparatus comprising:

a supporting part which attaches detachably to a portable device having a photographing camera part on a photographing optical axis; and

a main body which is arranged integrally with said supporting part and which comprises an illumination optical system for radiating an illumination beam toward photographing objective eyes along an illumination optical axis intersected at a predetermined angle with said photographing optical axis,

wherein said supporting part comprises a pair of legs which are movable to approach and move away or extend and contract with respect to each other.

12-17. (Cancelled).

18. (Previously Presented) A portable ophthalmic apparatus comprising:

a supporting part which attaches detachably to a portable device having a photographing camera part on a photographing optical axis; and

a main body which is arranged integrally with said supporting part and which comprises an illumination optical system for radiating an illumination beam toward photographing objective eyes along an illumination optical axis intersected at a predetermined angle with said photographing optical axis,

wherein an illumination condition of said illumination optical system is changeable, and

wherein said illumination optical system comprises a slit opening stop and wherein, by projecting a slit illumination beam toward said photographing objective eyes, sectional shapes of a cornea and a crystal lens are photographed.

19. (Cancelled).

20. (Previously Presented) A portable ophthalmic apparatus comprising:

a supporting part which attaches detachably to a portable device having a photographing camera part on a photographing optical axis; and

a main body which is arranged integrally with said supporting part and which comprises an illumination optical system for radiating an illumination beam toward photographing objective eyes along an illumination optical axis intersected at a predetermined angle with said photographing optical axis,

wherein an illumination condition of said illumination optical system is changeable, and

wherein said main body comprises a concentric placido-disc illumination optical system and wherein a cornea of each of said photographing objective eyes is ring-illuminated.

21. (Cancelled).

22. (New) A portable ophthalmic apparatus comprising:

a supporting part;

a main body which is integrally with said supporting part and which attaches detachably to a portable device via said supporting part, said portable device having a photographing camera part;

an illumination optical system which is in said main body and which radiates an illumination beam toward at least one photographing objective eye along an illumination optical axis intersected at a predetermined angle with a photographing optical axis of said portable device; and

an objective lens disposed in said main body such that an optical axis of said objective lens substantially coincides with said photographing optical axis.

23. (New) A portable ophthalmic apparatus according to claim 22,

wherein an illumination condition of said illumination optical system is changeable, and

wherein the illumination condition depends upon an angle formed between said photographing optical axis and said illumination optical axis, or a shape or a volume of said illumination beam.

24. (New) A portable ophthalmic apparatus according to claim 23,

wherein said main body comprises a photographing assistant optical system which is configured in such a manner that a photographic condition of the photographing assistant optical system is changeable in accordance with changing of said illumination condition.

25. (New) A portable ophthalmic apparatus according to claim 24,

wherein said photographing assistant optical system comprises a zoom lens and an auxiliary lens, and wherein the auxiliary lens is set and position of zoom of the zoom lens is changeable in accordance with the photographic condition.

26. (New) A portable ophthalmic apparatus according to claim 22,

wherein said illumination optical system comprises a slit opening stop and wherein, by projecting a slit illumination beam toward the photographing objective eyes, sectional shapes of a cornea and a crystal lens are photographed.

27. (New) A portable ophthalmic apparatus according to claim 22,

wherein said main body comprises a concentric placido-disc illumination optical system and wherein a cornea of each of the photographing objective eyes is ring-illuminated.

28. (New) A portable ophthalmic apparatus according to claim 22,

wherein said supporting part comprises a pair of legs which are movable to approach and move away or extend and contract with respect to each other.

29. (New) A portable ophthalmic apparatus according to claim 22,

wherein said supporting part is slidable relative to said main body.

30. (New) A portable ophthalmic apparatus according to claim 22,

wherein said portable device is a personal digital assistant having a telecommunication function part.

31. (New) A portable ophthalmic apparatus according to claim 22,

wherein said main body comprises a photographing assistant optical system for photographing an eye ground of the photographing objective eyes, and wherein said illumination optical system is adapted to change an angle which is formed between said photographing optical axis and illumination optical system.

32. (New) An ophthalmic system comprising

a portable ophthalmic apparatus that comprises:

a supporting part;

a main body which is arranged integrally with said supporting part and which attaches detachably to a portable device via said supporting part, said portable device having a photographing camera part;

an illumination optical system which is provided in said main body and which radiates an illumination beam toward at least one photographing objective eye along an illumination optical axis intersected at a predetermined angle with a photographing optical axis of said portable device; and

an objective lens disposed in said main body such that an optical axis of said objective lens substantially coincide with said photographing optical axis,

wherein the portable device has a telecommunication function part and a command function to process graphic data of the photographing objective eyes at an end destination.

33. (New) An ophthalmic system according to claim 31,

wherein said portable device is configured to transmit at least one of literal data and symbol data together with said graphic data.